

LCN ILLUSTRATED PARTS LIST "Introduction"

How to Use the LCN Parts List

The *LCN Illustrated Parts List* is designed to help technical service or maintenance personnel correctly identify parts that may be required to return an LCN closer to service.

Parts List Organization

The *LCN Illustrated Parts List* identifies replacement parts that are available through many LCN distributors. The sections, in order, are the 4000 Series, the 1000 Series, the Fire/Life Safety Series, the High Security Series, & the Power Operator Series. Closers are listed in numerical order within each section. Major components such as cylinder assemblies, covers, arm assemblies, & track assemblies are listed within each individual closer series. Many times, a complete component assembly has individual replacement parts available.

Casting (Forging) Numbers

Many LCN parts or components have casting or forging numbers stamped or raised on the surface. An example would be the '71' or '320G' on an LCN cylinder assembly. These numbers really do not identify a particular part or component. You should follow the 'How to Order' page in the latest edition of the LCN Catalog or call LCN Customer Service for assistance.

Additional Information

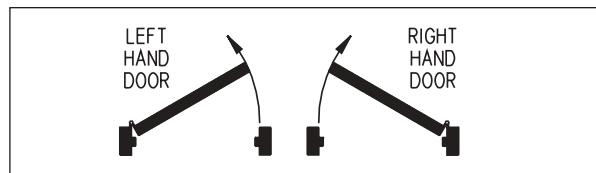
In addition to the closer series, suffix number, and short description, many parts and components require more information. Items that require more information have letters listed to the right of the description. The letter(s) are defined as follows.

F – Finish. Indicate the powder coat or plated finish desired. Not all parts and components are available with a plated finish. Refer to either the latest edition of the LCN Catalog

or the current LCN Price List for a standard powder coat finish chart and available plated finish designations. A bright metallic (MTLPC) finish is also available. Bright metallic is a powder coat alternative to US26D. RAL custom finishes are also available.

S – Size. Refers to the spring power of the closer. The larger the number, the more power the closer may have to close a door. Several closer series have an adjustable 'size 1' available. In many cases, a 'size 1' closer will meet low opening force requirements. Some 'size 1' closers are not adjustable. Please refer to the latest edition of the LCN Catalog for clarification on individual closer spring power.

H – Hand. Please specify either RH (Right Hand) or LH (Left Hand). The hand of a door can be determined several ways. The latest edition of the LCN Catalog has an easy to use diagram that may be utilized as a reference.



V – Voltage. Some parts and components require voltage. Please specify either 24v or 120v.

Part and Component Pricing

Prices for parts and components listed with the *LCN Illustrated Parts List* can be found in the current LCN Price List. The Price List contains basic ordering & product information.

LCN ILLUSTRATED PARTS LIST "Introduction"

How to Order

1. Identify the closer series; 4110, 4040, 1460, 1520, 2030, 3130, 4310ME, etc.
2. Refer to the page(s) illustrating the service parts available for the specific closer and select the part required by using the closer series and the suffix.
3. Check to the right of the part description. If additional information is required, please provide it.
4. Order the parts required using the closer series, suffix number, finish, size, hand, and/or voltage.

Part or Component Identification

If the part you require is not shown in the *LCN Illustrated Parts List*, it may be obsolete. Contact your distributor, your local Security & Safety Consultants office or LCN Customer Service.

Ordering Examples

Here are a few examples of what an item may look like as it is ordered. Please refer to the 'How to Order' page at the end of each individual closer series within the LCN Catalog.

2310ME-3351 x On/Off Switch x 24v
4040SE-3038 x Track x AL x 120v
4020T-72MC x Metal Cover x RH x AL
4313ME-3971 x Cylinder x LH x AL x 24v
3130-3054 Hold Open Clip
4040-62PA x Parallel Arm Shoe x DKBRZ
4010-18 Plate x AL
1520-3077SCNS Arm x BRASS
2030-169 Bumper Assembly
4640-3462 Controller Assembly
7910-956 Actuator
SEM7850-825 Door Armature Only

Trademarks

List of trademarks that may appear in the *LCN Illustrated Parts List*. This list includes but is not limited to the following:

Cush-n-Stop®	Equalizer®
Pacer®	Quest®
Sentronic®	Shield and Device®
Smoothee®	Thriftee®
Super Stock®	Super Smoothee®

Additional Assistance

If any additional assistance is needed, call LCN at (800) 526-2400. Our Customer Service or Technical Support Team will do their very best to offer door control solutions on any of the products listed within the *LCN Illustrated Parts List*.

Please note....

Every effort has been made to insure the accuracy of the *LCN Illustrated Parts List*. If an error does exist, please contact LCN Customer Service. Errors and omissions will be incorporated into the next edition of the *LCN Illustrated Parts List*. Illustrations are designed to show general shape and size of a part and the relationship that part has to other parts. Actual size and shape of parts or components may differ or vary from the actual part or component that is shipped. LCN offers this information as a reference only. All information is subject to change without notice from LCN. If any additional information is needed, please call LCN Customer Service or Technical Support at (800) 526-2400. You may also visit LCN on the web at www.lcn closers.com.

LCN ILLUSTRATED PARTS LIST "Table of Contents"

GENERAL SECTION	PAGE	FIRE/LIFE SAFETY CLOSER/HOLDERS	PAGE		
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4010	1	4040SE	5		
4010T	5	2310ME	9		
4020	9	4310ME	11		
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4030	17	4310HSA	15		
4040	19	4410HSA	17		
4040T	27	SEH.....	19		
4110	31	HIGH SECURITY CLOSERS			
4110T	37	2210	1		
4130	41	2210DPS.....	3		
4000T	45	4210	5		
1000 SERIES SURFACE MOUNTED CLOSERS					
1070	1	4210T	7		
1370	5	4510	9		
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1460T	17	POWER OPERATORS			
1520	21	2610 Pneumatic	1		
1520T	27	4630 Electric	3		
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330	1	4640 Electric	5		
2010	3	4810 Pneumatic	7		
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6030	17				

Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN ILLUSTRATED PARTS LIST

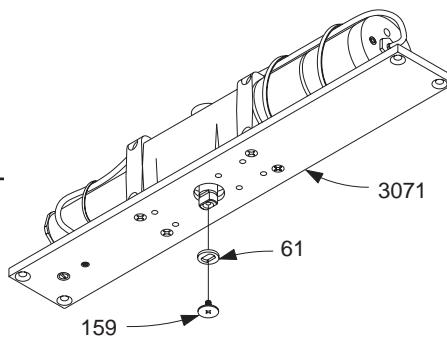
Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 2610 SERIES "Auto-Equalizer"

Cylinder Assemblies

2613(4)-3071

Cylinder Assembly F, S, H
*Includes cylinder mounting/finish plate & screw pack
(WMS standard – please specify other)
Cylinder assembly is size specific (not adjustable)*



Individual Cylinder Parts

Individual cylinder parts for 2613(4)-3071

2610-61

Shaft Spacer

2610-159

Arm Screw

F

2610-3002

Mounting/Finish Plate

F,H

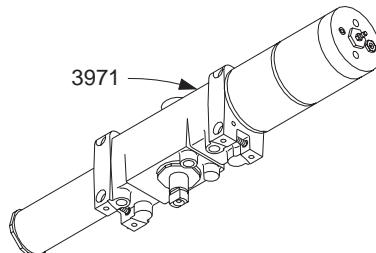
2613(4)-3971

Cylinder Assembly Only

F, S, H

Does not include mounting/finish plate

Cylinder assembly is size specific (not adjustable)

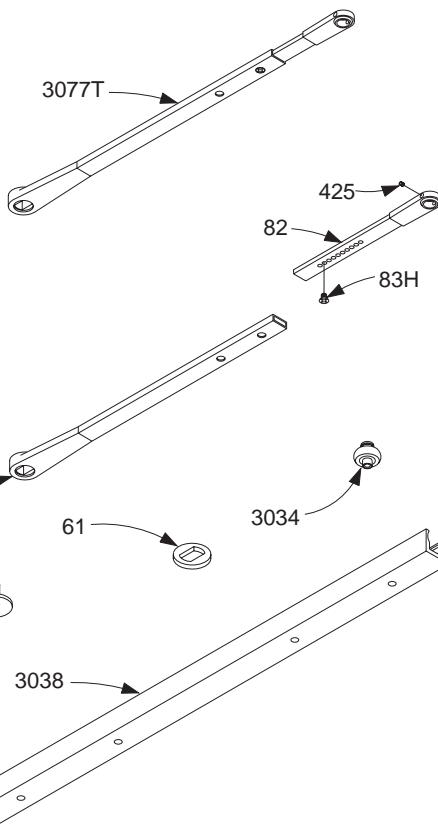


Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 2610 SERIES "Auto-Equalizer"

Complete Arm Assemblies

2610-3077T Standard Arm F, H
Includes 2610-78, -82, -83H, -159, & -425



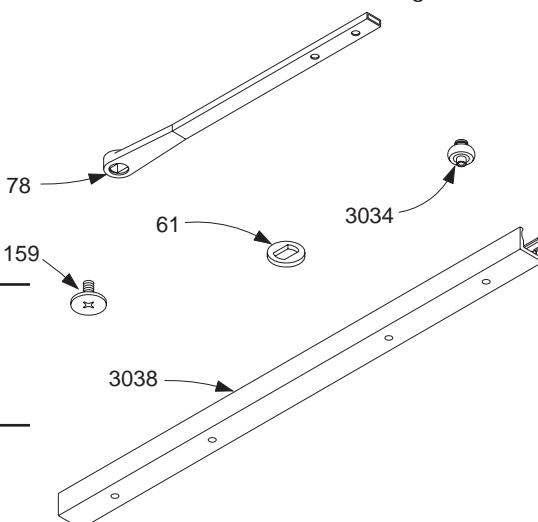
Individual Arm Parts

Individual arm parts for 2610-3077T

2610-61	Shaft Spacer	F
2610-78	Arm & Tube	F, H
	<i>Includes 2610-159</i>	
2610-82	Rod	F
	<i>Includes 2610-83H, & -425</i>	
2610-83H	H Arm Screw	F
2610-159	Arm Screw	F
2610-425	Roller Locking Screw	
2610-3034	Track Roller	

Complete Track Assemblies

2610-3038 Standard Track
Length is 25 1/2" (647 mm)



Individual Track Parts

Individual track parts for 2610-3038
 2610-3034 Track Roller

Installations Accessories

2610-155-1	AE Door Decal <i>(Black/ Yellow Caution decal)</i>
2610-155-2	Door Decal <i>(Blue/White Switch decal)</i>



155-1



155-2

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

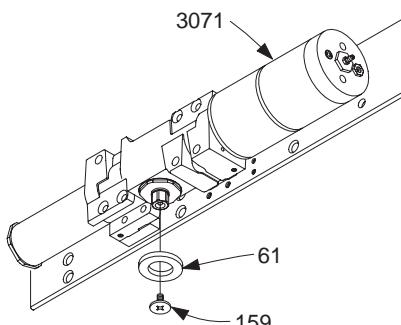
LCN 4810 SERIES "Auto-Equalizer"

Cylinder Assemblies

4811-3071	Cylinder Assembly	F, S
<i>Includes 4811-3971, 4810-18, & -182(2)</i>		
<i>Cylinder is adjustable size 1-4</i>		

Individual Cylinder Parts

Individual cylinder parts for 4811-3071		
4811-3971	Cylinder Only	F, S
<i>Does not include any other components</i>		
<i>Cylinder is adjustable size 1-4</i>		
4810-18	Mounting Plate	F
4810-61	Shaft Spacer	
4810-159	Arm Screw	F
4810-182	Stand-off	

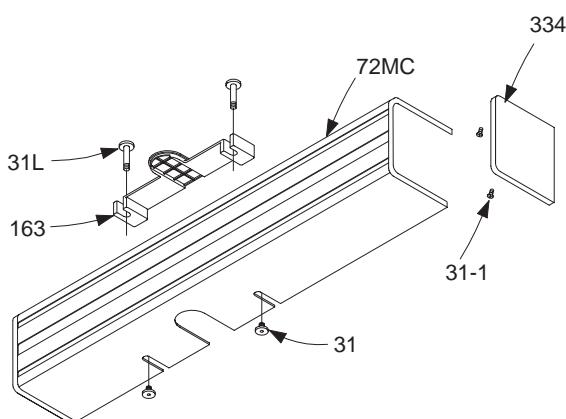
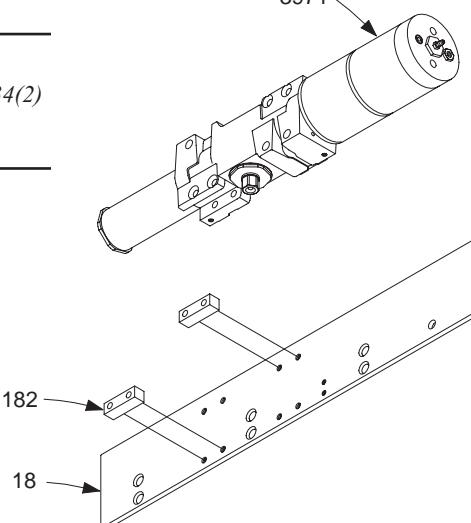


Cover

4810-72MC	Metal Cover	F
<i>Includes 4810-31(2), -31-1(4), -31L(2), -163, & -334(2)</i>		

Individual Cover Parts

Individual cover parts for 4810-72MC		
4810-31	Cover Screw	F
4810-31-1	End Cap Screw	
4810-31L	Long Cover Screw	F
4810-334	End Cap	F
<i>Includes 4810-31-1 (2)</i>		
4810-163	Cover Plate	F
<i>Includes 4810-31L(2)</i>		

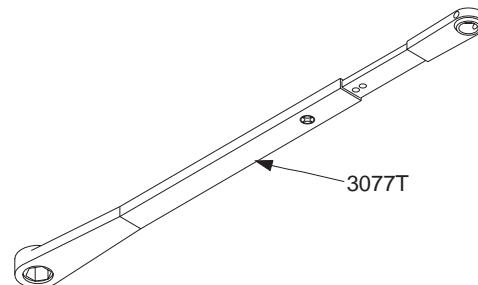


Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4810 SERIES "Auto-Equalizer"

Complete Arm Assemblies

4810-3077T Standard Arm F
Includes 4810-61, -78, -82, -83H, & -425



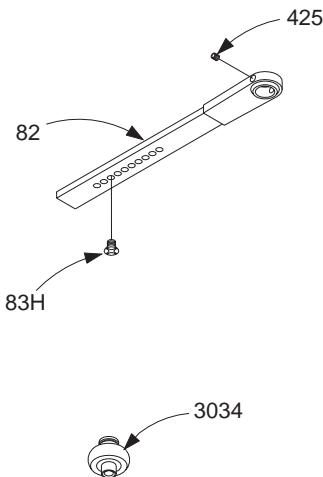
Individual Arm Parts

Individual arm parts for 4810-3077T

4810-61	Shaft Spacer	F
4810-78	Arm & Tube	F
	<i>Includes 4810-159</i>	
4810-82	Rod	F
	<i>Includes 4810-83H, & -425</i>	
4810-83H	H Arm Screw	F
4810-159	Arm Screw	F
4810-425	Roller Locking Screw	
4810-3034	Track Roller	

Complete Track Assemblies

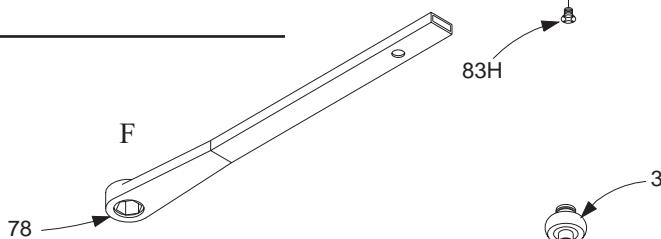
4810-3038 Regular Track F
Includes 4810-73(2) & -141-2(4)



Individual Track Parts

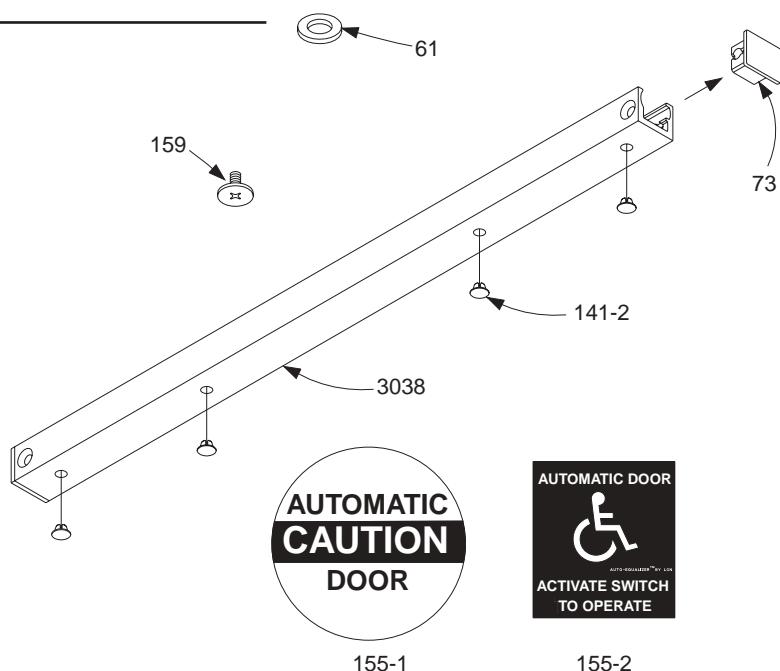
Individual track parts for 4810-3038

4810-73	End Cap	F
4810-141-2	Track Plug	
4810-3034	Track Roller	



Installations Accessories

4810-155-1	AE Door Decal <i>(Black/ Yellow Caution decal)</i>	61
4810-155-2	Door Decal <i>(Blue/White Switch decal)</i>	73

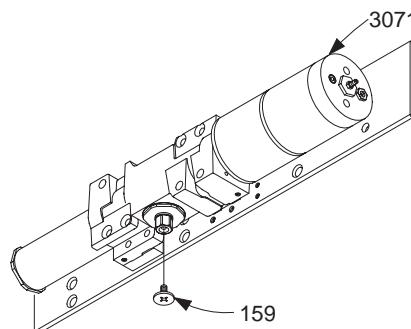


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LCN 4820 SERIES "Auto-Equalizer"

Cylinder Assemblies

4822-3071	Cylinder Assembly	F, S
<i>Includes 4822-3971, 4820-18, & -182(2)</i>		
4822-3071/18G	Cylinder is adjustable size 2-5	
<i>Cylinder Assembly w/18G Plate F, S</i>		
<i>Includes 4822-3971, 4820-18G, & -182(2)</i>		
<i>Cylinder is adjustable size 2-5</i>		

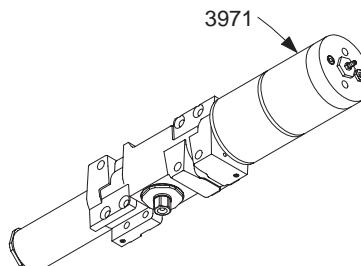


Individual Cylinder Parts

Individual cylinder parts for 4822-3071	F, S
4822-3971	Cylinder Only
	<i>Does not include any other components</i>
	<i>Cylinder is adjustable size 2-5</i>
4820-18	Mounting Plate
4820-18G	Mounting Plate
4820-159	Arm Screw
4820-182	Stand-off

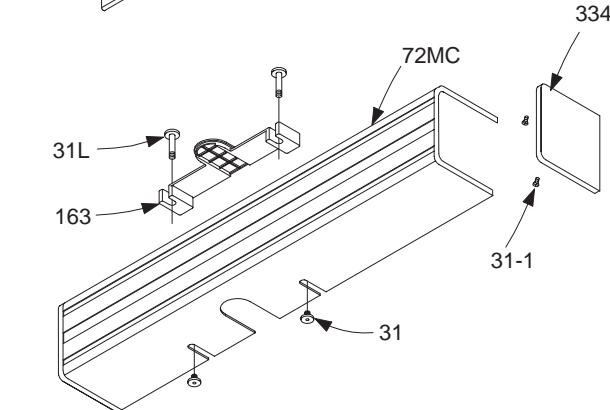
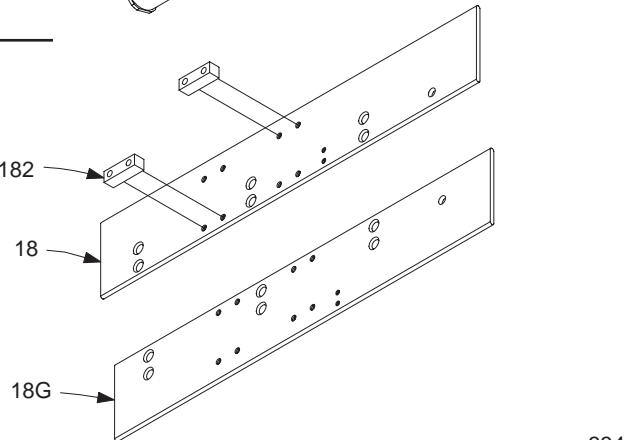
Cover

4820-72MC	Metal Cover	F
<i>Includes 4820-31(2), -31-1(4), -31L(2), -163, & -334(2)</i>		



Individual Cover Parts

Individual cover parts for 4820-72MC	
4820-31	Cover Screw
4820-31-1	End Cap Screw
4820-31L	Long Cover Screw
4820-163	Cover Plate
	<i>Includes 4820-31L(2)</i>
4820-334	End Cap
	<i>Includes 4820-31-1(2)</i>

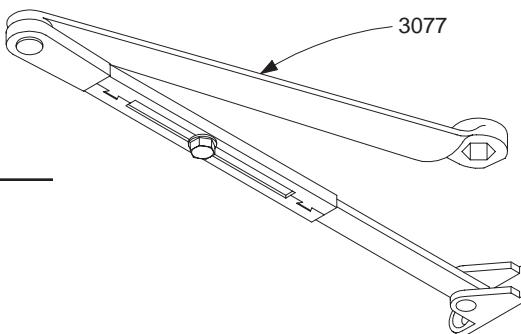


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LCN 4820 SERIES "Auto-Equalizer"

Complete Arm Assemblies

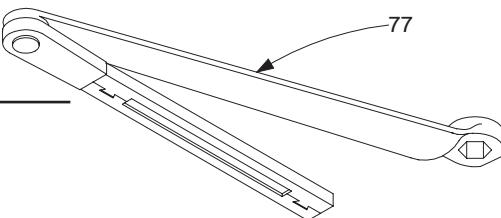
4820-3077	Regular Arm <i>Includes 4820-77, -83, -79, & -159</i>	F
4820-3077L	Long Arm <i>Includes 4820-77, -83, -79LR, & -159</i>	F



Individual Arm Parts

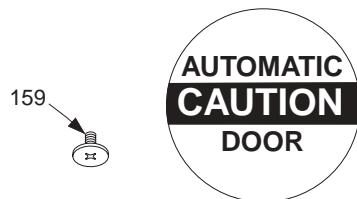
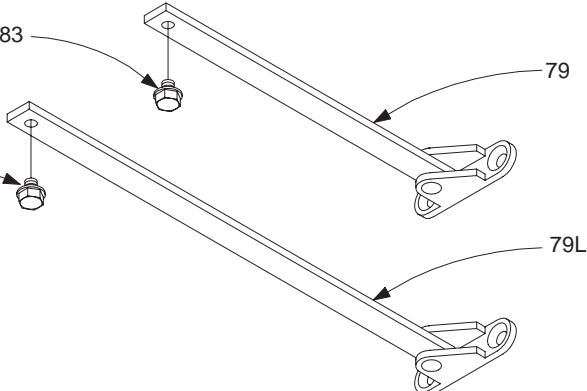
Individual arm parts for 4820-3077 & -3077L

4820-77	Arm & Forearm <i>Includes 4820-159</i>	F
4820-79	Rod & Shoe <i>Includes 4820-83/ Length is 8 5/16" (211mm)</i>	F
4820-79LR	Long Rod & Shoe <i>Includes 4820-83/ Length is 12 3/8" (314mm)</i>	F
4820-83	Arm Screw	F
4820-159	Arm Screw	F



Installations Accessories

4820-155-1	AE Door Decal <i>(Black/ Yellow Caution decal)</i>
4820-155-2	Door Decal <i>(Blue/White Switch decal)</i>



155-1

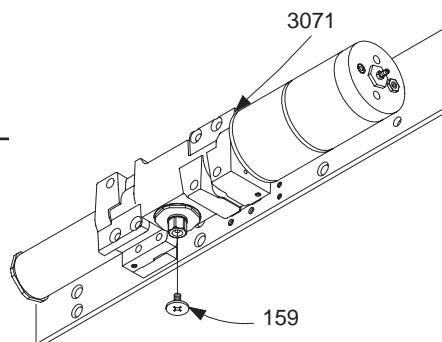
155-2

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4840 SERIES "Auto-Equalizer"

Cylinder Assemblies

4841-3071	Cylinder Assembly	F, S
<i>Includes 4841-3971, 4840-18, & -182(2)</i>		
<i>Cylinder is adjustable size 1-5</i>		



Individual Cylinder Parts

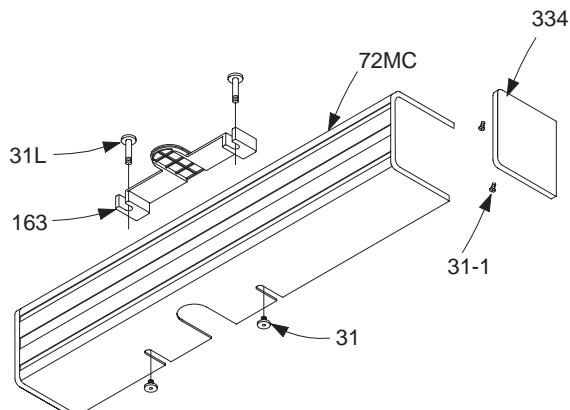
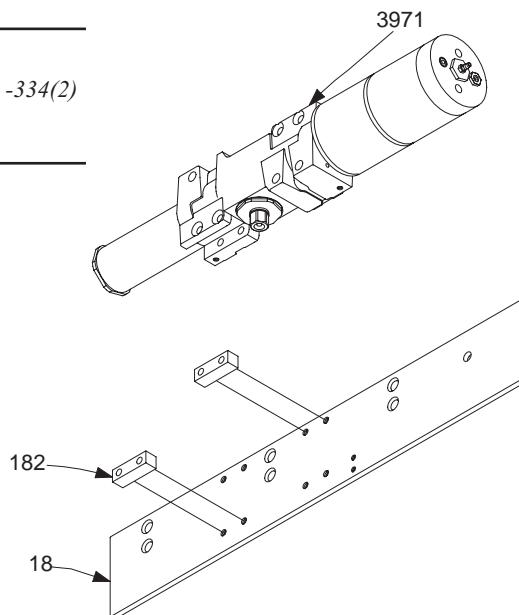
Individual cylinder parts for 4841-3071	F, S
4841-3971	Cylinder Only
	<i>Does not include any other components</i>
	<i>Cylinder is adjustable size 1-5</i>
4840-18	Mounting Plate
4840-159	Arm Screw
4840-182	Stand-off

Cover

4840-72MC	Metal Cover	F
<i>Includes 4840-31(2), -31-1(4), -31L(2), -163, & -334(2)</i>		

Individual Cover Parts

Individual cover parts for 4840-72MC	
4840-31	Cover Screw
4840-31-1	End Cap Screw
4840-31L	Long Cover Screw
4840-334	End Cap
	<i>Includes 4840-31-1 (2)</i>
4840-163	Cover Plate
	<i>Includes 4840-31L(2)</i>

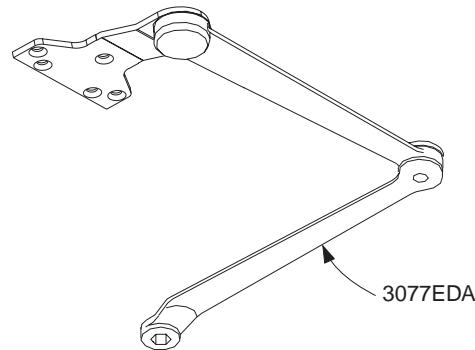


Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4840 SERIES "Auto-Equalizer"

Complete Arm Assemblies

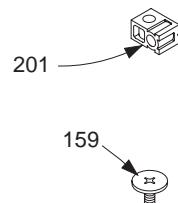
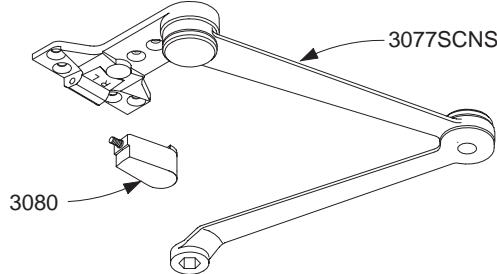
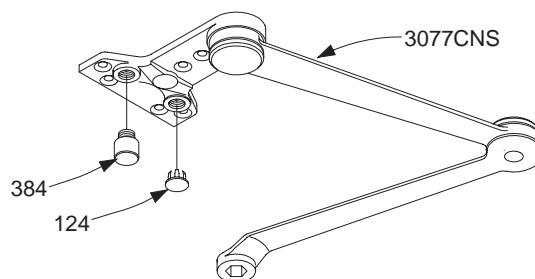
4840-3077EDA	Extra Duty Arm	F
	<i>Includes 4840-159, & -201</i>	
4840-3077CNS	Cush-N-Stop Arm	F
	<i>Includes 4840-124, -159, -201, & -384</i>	
4840-3077SCNS	Spring Cush-N-Stop	F
	<i>Includes 4840-159, -201, & -3080</i>	



Individual Arm Parts

Individual arm parts for 4840-3077EDA, -3077CNS, & -3077SCNS

4840-124	Plug	F
4840-159	Arm Screw	F
4840-201	Fifth Screw Spacer	
4840-384	Stop	F
4840-3080	Spring Cush Block	F



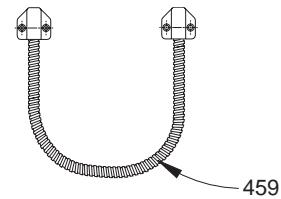
Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4840 SERIES "Auto-Equalizer"

Installation Accessories

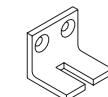
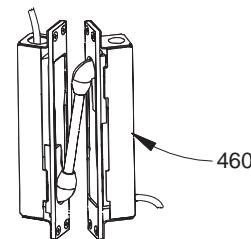
Installation accessories for 4840 Series Power Operator

4840-30	Cush Shoe Support	F
4840-61	Blade Stop Spacer	F
4840-418	PA Shoe Adapter	F
4840-419	Flush Panel Adapter	F
4840-459	Door Loop Kit	
4840-460	Pneumatic Transfer Hinge	

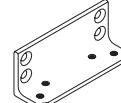


Installations Accessories

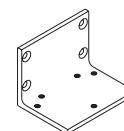
4820-155-1	AE Door Decal (Black/ Yellow Caution decal)
4820-155-2	Door Decal (Blue/White Switch decal)



61



418



419



155-1



155-2

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

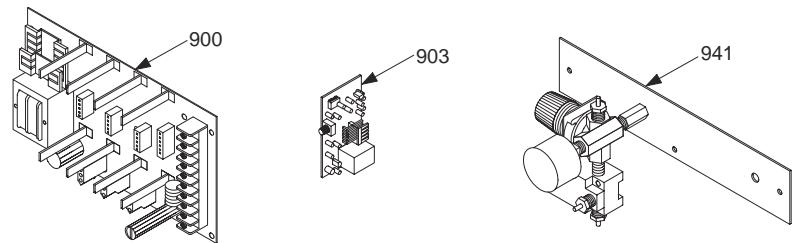
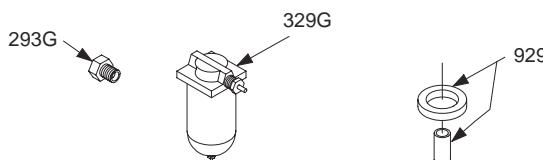
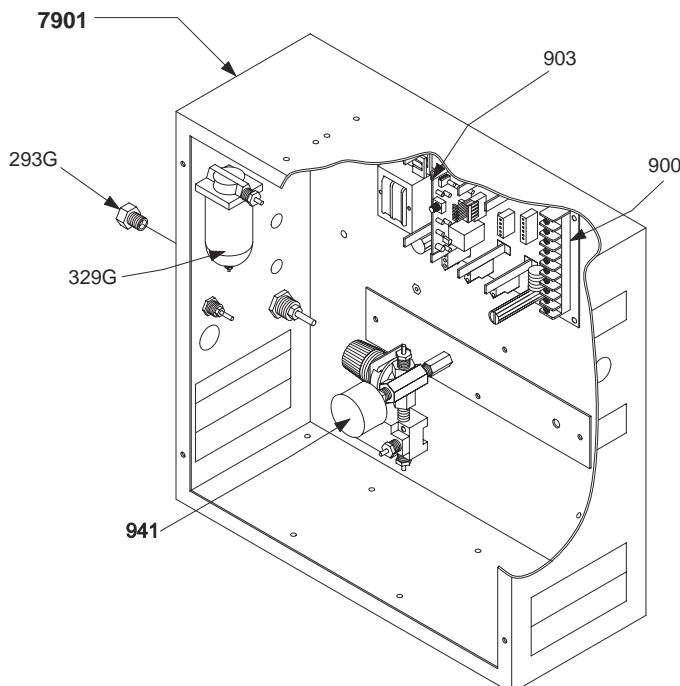
LCN 7901 SERIES

Control Box Assemblies

7901 Control Box Assembly
Includes 293G, 329G, 900, 903, & 941

Individual Control Box Components

293G Exhaust Muffler
329G Inlet Air Filter Assembly
Includes 929
900 Power Supply
929 Filter & Seal
903 Timer Module
941 Regulator Valve Assembly



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

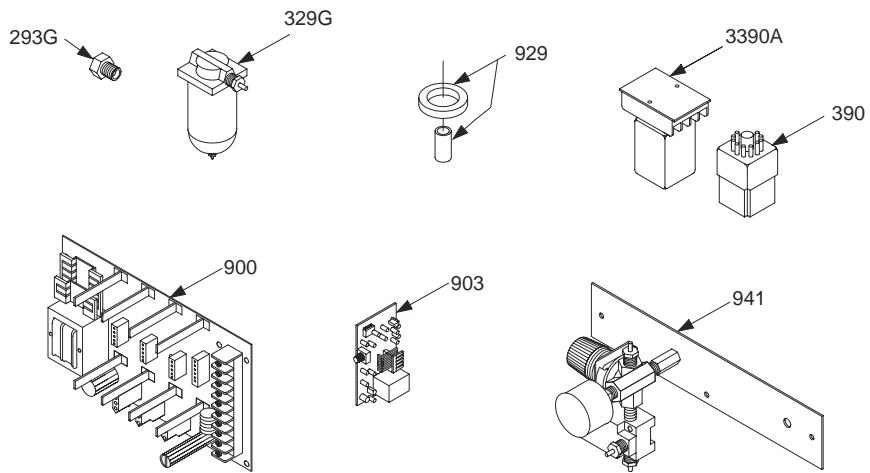
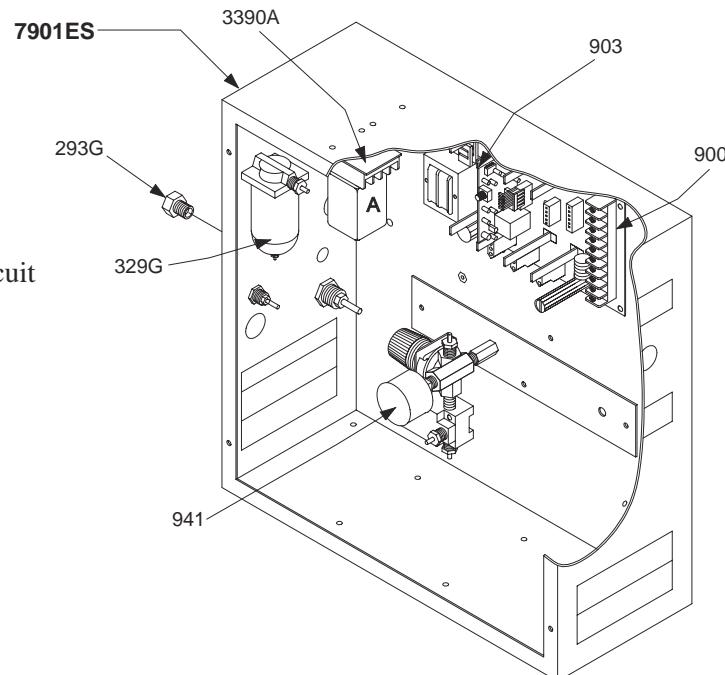
LCN 7901 SERIES

Control Box Assemblies

7901ES Control Box Assembly
Includes 293G, 329G, 900, 903, 941, & 3390A

Individual Control Box Components

293G	Exhaust Muffler
329G	Inlet Air Filter Assembly <i>Includes 929</i>
390	SPDT Relay
900	Power Supply
929	Filter & Seal
903	Timer Module
941	Regulator Valve Assembly
3390A	ES Relay Assembly-“A” Circuit <i>Includes 390</i>



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

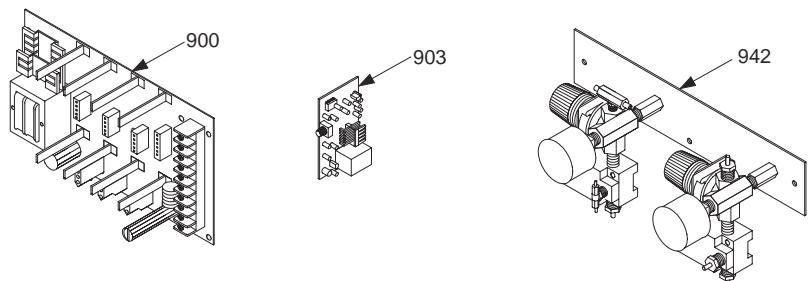
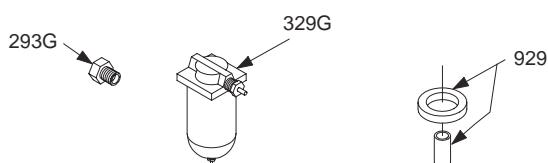
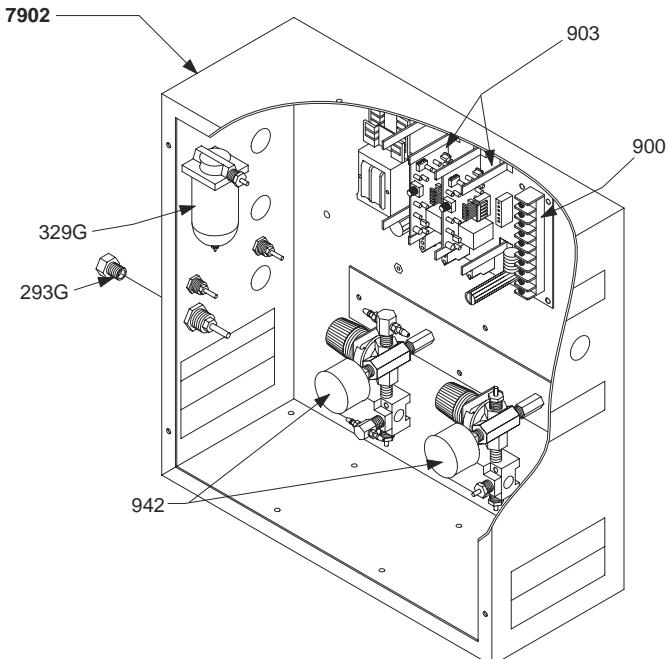
LCN 7902 SERIES

Control Box Assemblies

7902 Control Box Assembly
Includes 293G, 329G, 900, 903, & 942

Individual Control Box Components

293G Exhaust Muffler
329G Inlet Air Filter Assembly
Includes 929
900 Power Supply
903 Timer Module
929 Filter & Seal
942 Regulator Valve Assembly



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

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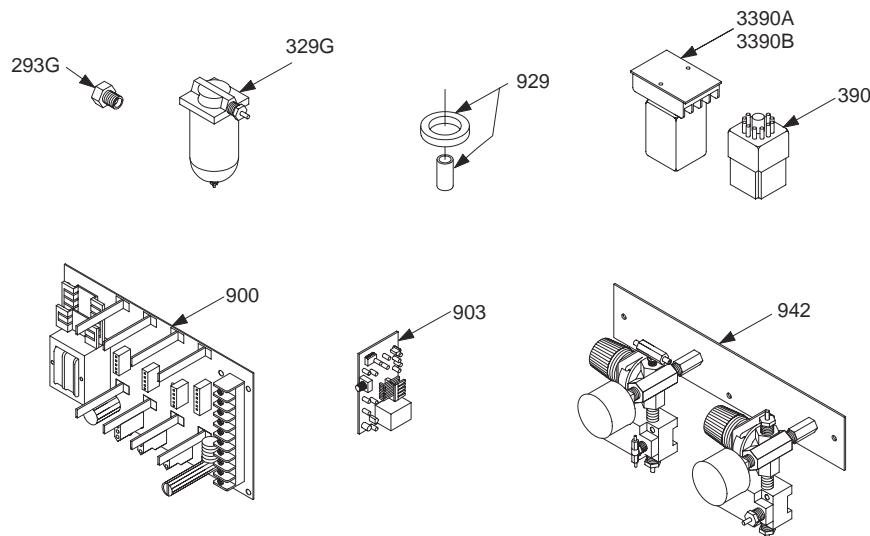
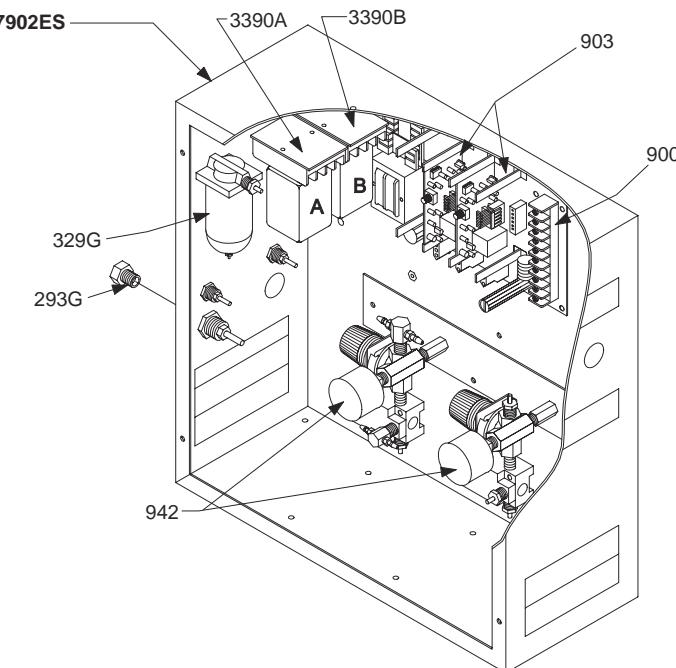
LCN 7902 SERIES

Control Box Assemblies

7902ES Control Box Assembly
Includes 293G, 329G, 900, 903, 942, 3390A, & 3390B

Individual Control Box Components

293G Exhaust Muffler
329G Inlet Air Filter Assembly
Includes 929
390 SPDT Relay
900 Power Supply
903 Timer Module
929 Filter & Seal
942 Regulator Valve Assembly
3390A ES Relay Assembly-“A” Circuit
Includes 390
3390B ES Relay Assembly-“B” Circuit
Includes 390



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

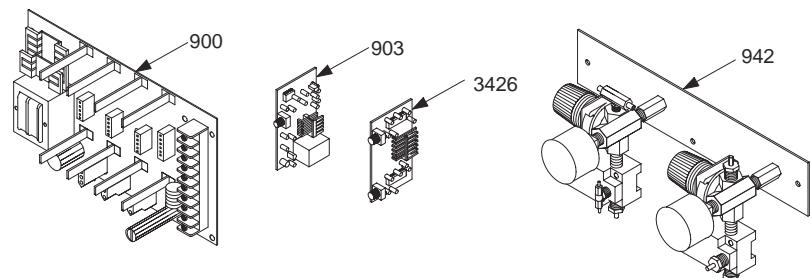
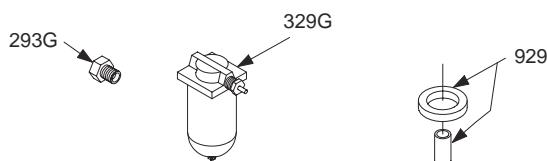
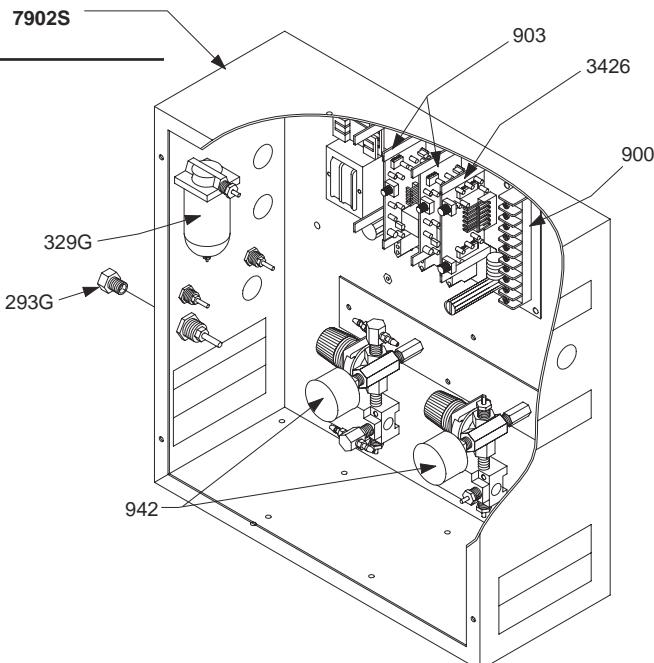
LCN 7902 SERIES

Control Box Assemblies

7902S Control Box Assembly
Includes 293G, 329G, 900, 903, 942, & 3426

Individual Control Box Components

293G Exhaust Muffler
 329G Inlet Air Filter Assembly
Includes 929
 900 Power Supply
 903 Timer Module
 929 Filter & Seal
 942 Solenoid Valve Assembly
 3426 Sequencer Card



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 7902 SERIES

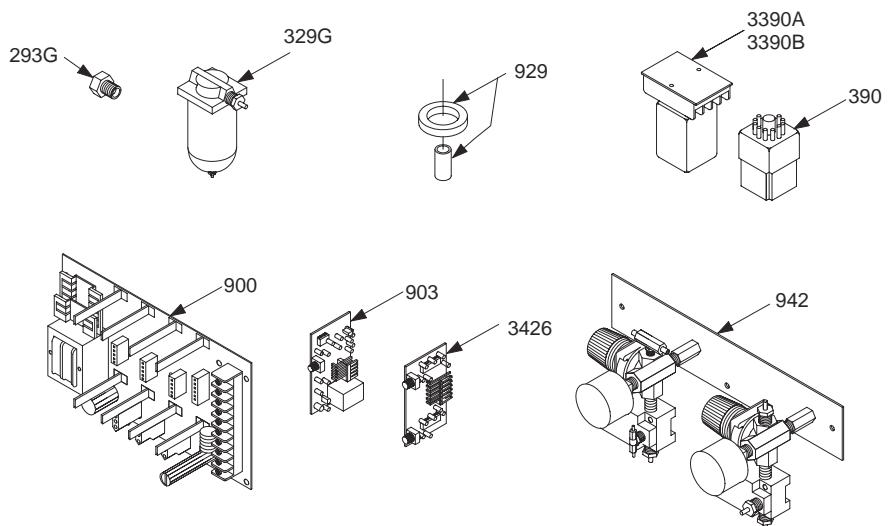
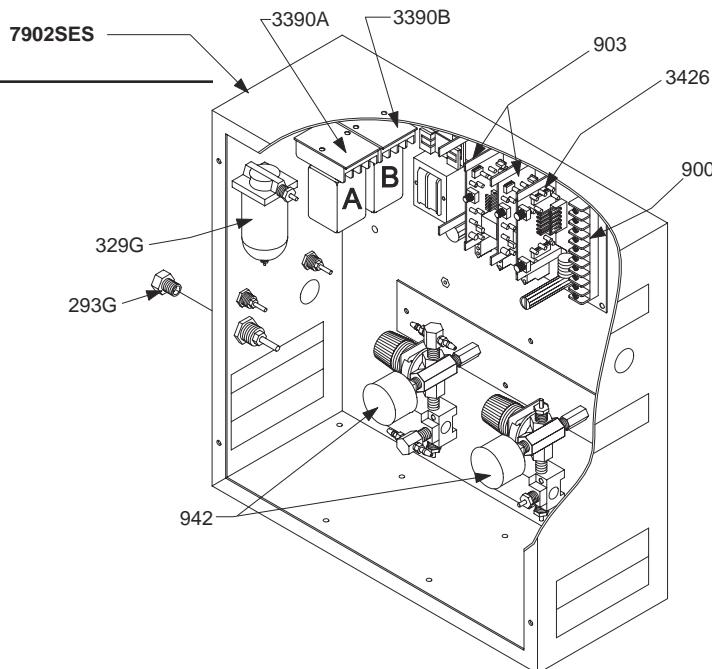
Control Box Assemblies

7902SES Control Box Assembly

Includes 293G, 329G, 900, 903, 942, 3390A, 3390B, & 3426

Individual Control Box Components

293G	Exhaust Muffler
329G	Inlet Air Filter Assembly <i>Includes 929</i>
390	SPDT Relay
900	Power Supply
903	Timer Module
929	Filter & Seal
942	Solenoid Valve Assembly
3390A	ES Relay Assembly-“A” Circuit <i>Includes 390</i>
3390B	ES Relay Assembly-“B” Circuit <i>Includes 390</i>
3426	Sequencer Card



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

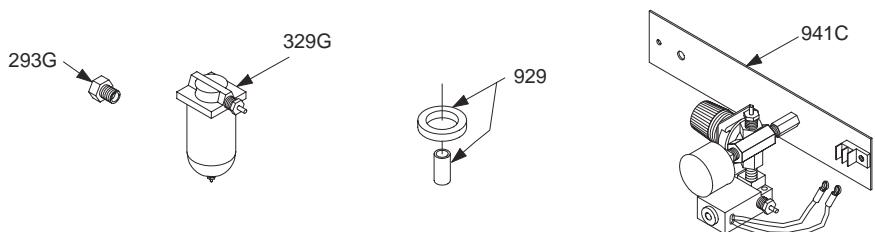
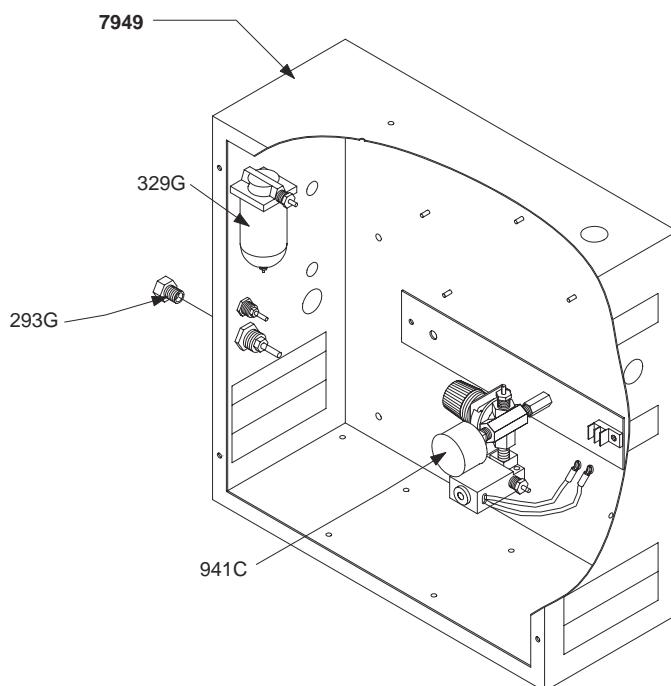
LCN 7949 SERIES

Control Box Assemblies

7949 Control Box Assembly
Includes 293G, 329G, & 941C

Individual Control Box Components

293G Exhaust Muffler
329G Inlet Air Filter Assembly
Includes 929
929 Filter & Seal
941C Regulator Valve Assembly



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

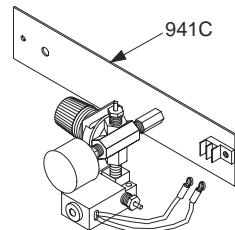
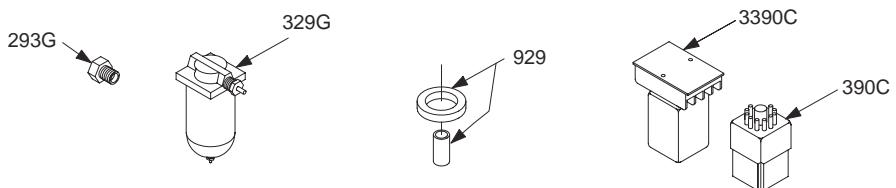
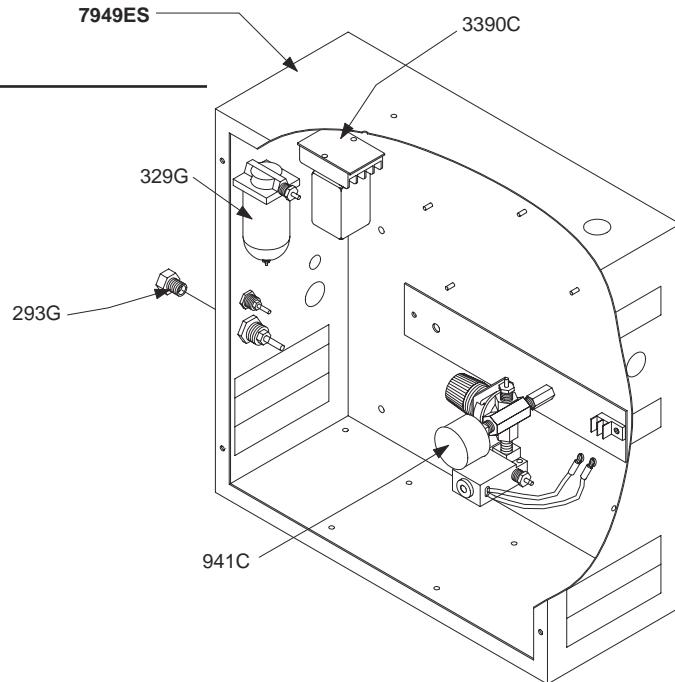
LCN 7949 SERIES

Control Box Assemblies

7949ES Control Box Assembly
Includes 293G, 329G, 941C, & 3390C

Individual Control Box Components

293G Exhaust Muffler
329G Inlet Air Filter Assembly
Includes 929
390C DPDT Relay
929 Filter & Seal
941C Regulator Valve Assembly
3390C ES Relay Assembly-“C” Circuit
Includes 390C



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

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LCN 7981 SERIES

Control Box Assemblies

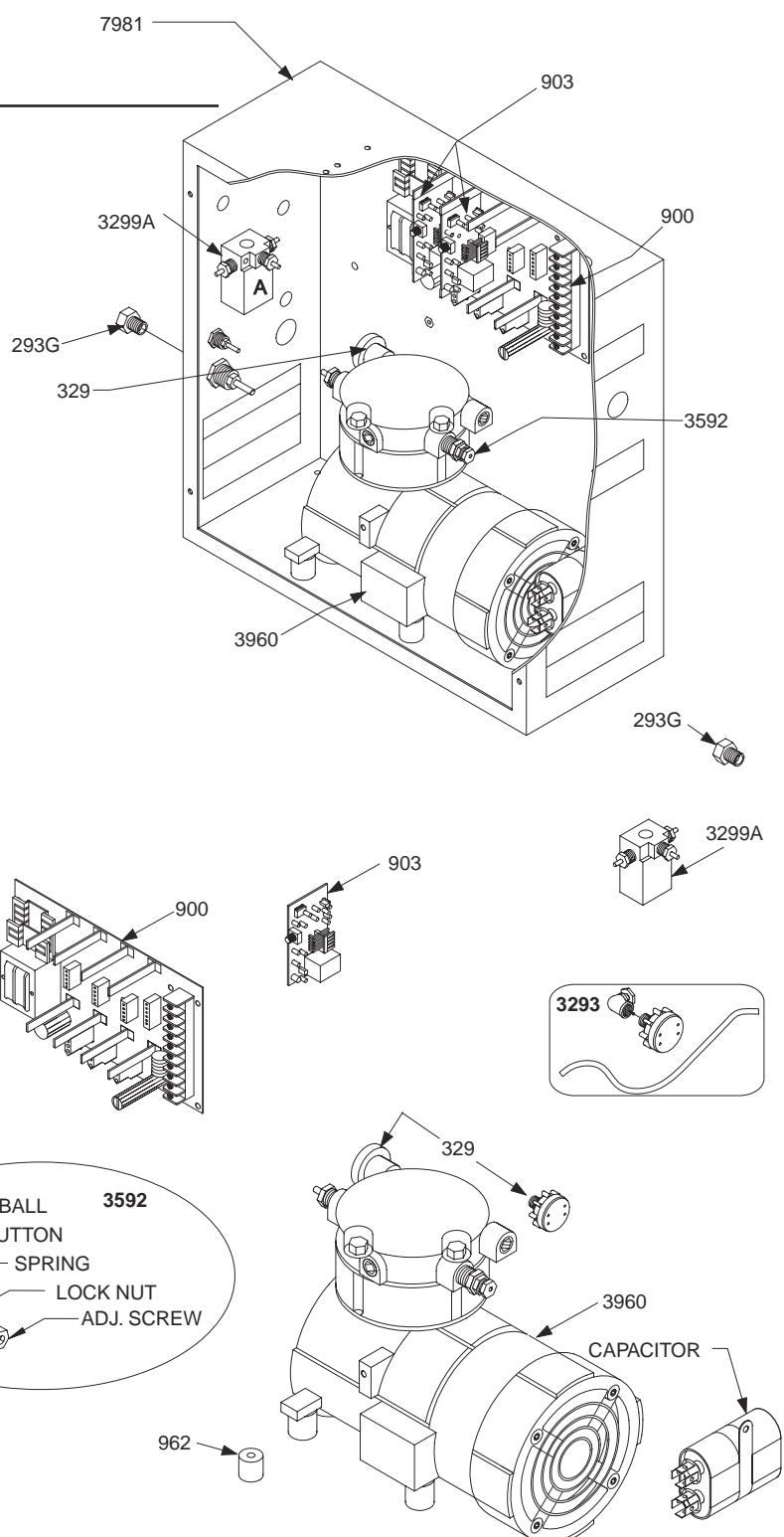
7981

Control Box Assembly

Includes 293G, 900, 903, 3299A, & 3960

Individual Control Box Components

293G	Exhaust Muffler
329	Inlet Air Filter Assembly
900	Power Supply
903	Timer Module
962	Rubber Isolator
3293	Filter Service Kit
3299A	Solenoid Valve Assembly
3592	Compressor Service Kit
3960	Compressor Assembly
	<i>Includes capacitor, 329, & 962</i>



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

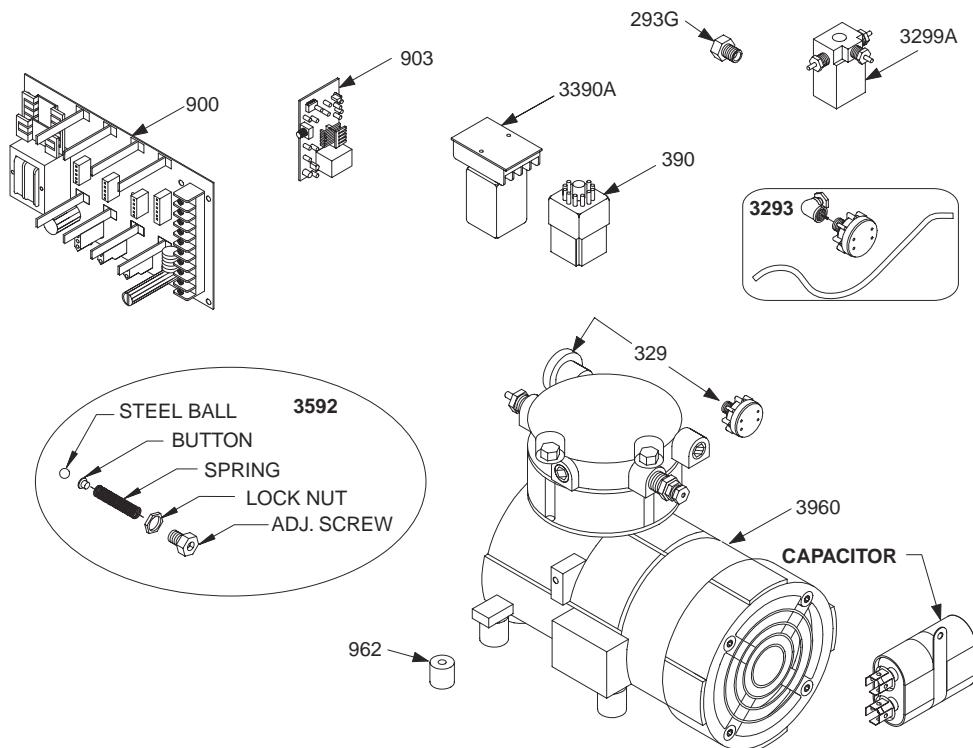
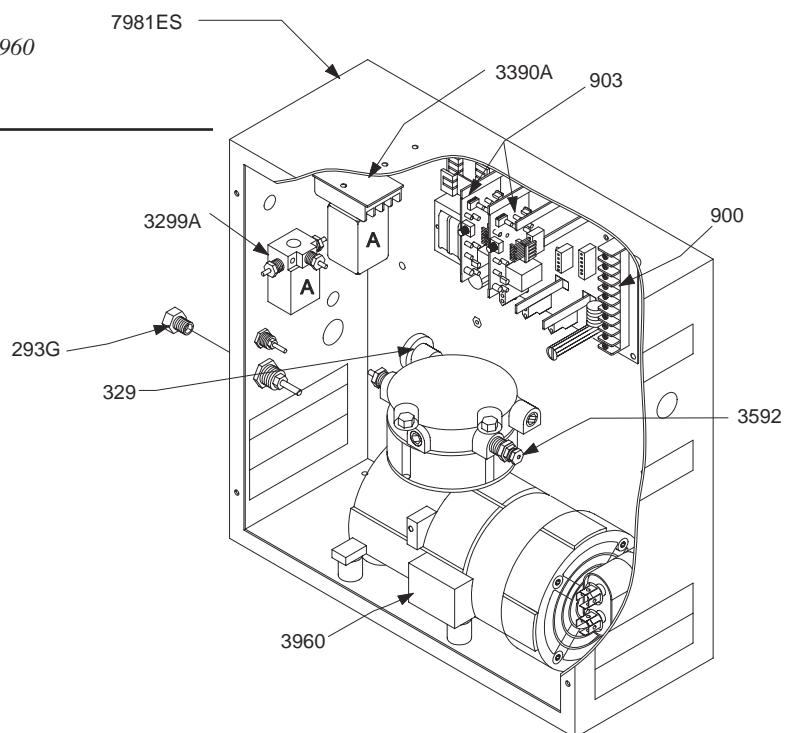
LCN 7981 SERIES

Control Box Assemblies

7981ES Control Box Assembly
Includes 293G, 900, 903, 3299A, 3390, & 3960

Individual Control Box Components

293G Exhaust Muffler
 329 Inlet Air Filter Assembly
 390 SPDT Relay
 900 Power Supply
 903 Timer Module
 3293 Filter Service Kit
 3299A Solenoid Valve Assembly
 3390A ES Relay Assembly-“A” Circuit
Includes 390
 3592 Compressor Service Kit
 3960 Compressor Assembly
Includes capacitor, 329, & 962



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 7982 SERIES

Control Box Assemblies

7982

Control Box Assembly

Includes 293G, 900, 903, 3299A, 3299B, & 3960

Individual Control Box Components

293G

Exhaust Muffler

329

Inlet Air Filter Assembly

900

Power Supply

903

Timer Module

962

Rubber Isolator

3293

Filter Service Kit

3299A

Solenoid Valve Assembly

3299B

Solenoid Valve Assembly

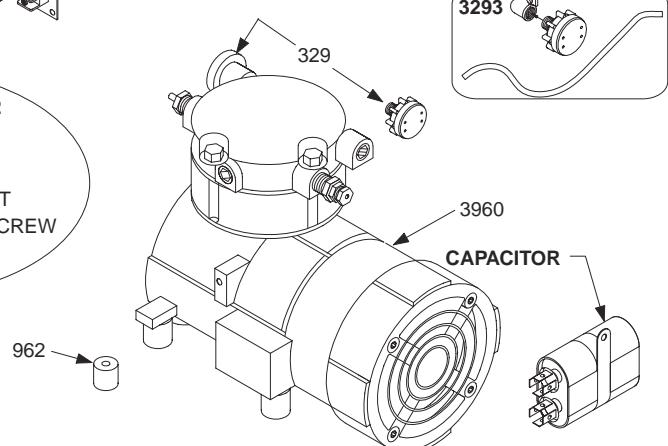
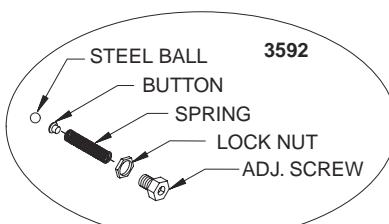
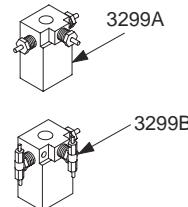
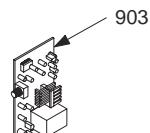
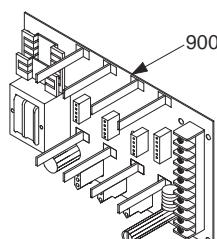
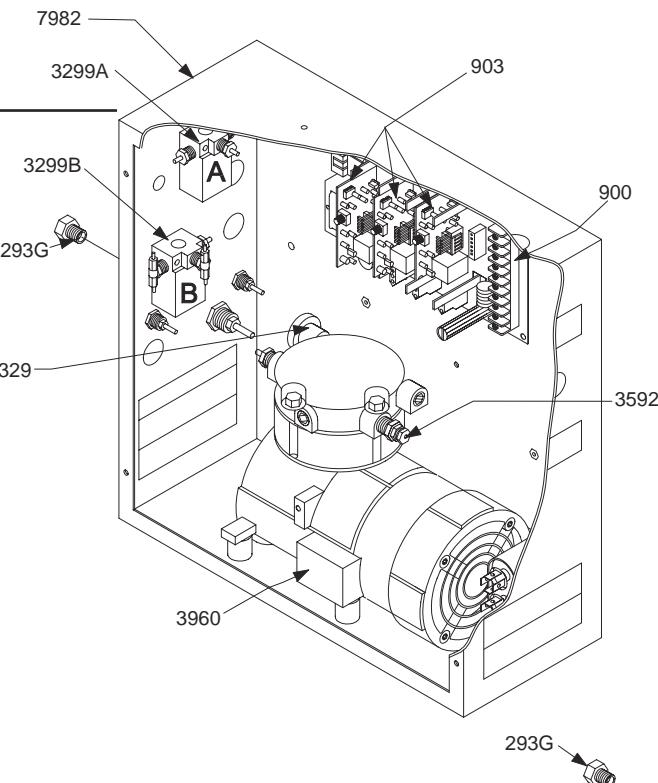
3592

Compressor Service Kit

3960

Compressor Assembly

Includes capacitor, 329, & 929



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 7982 SERIES

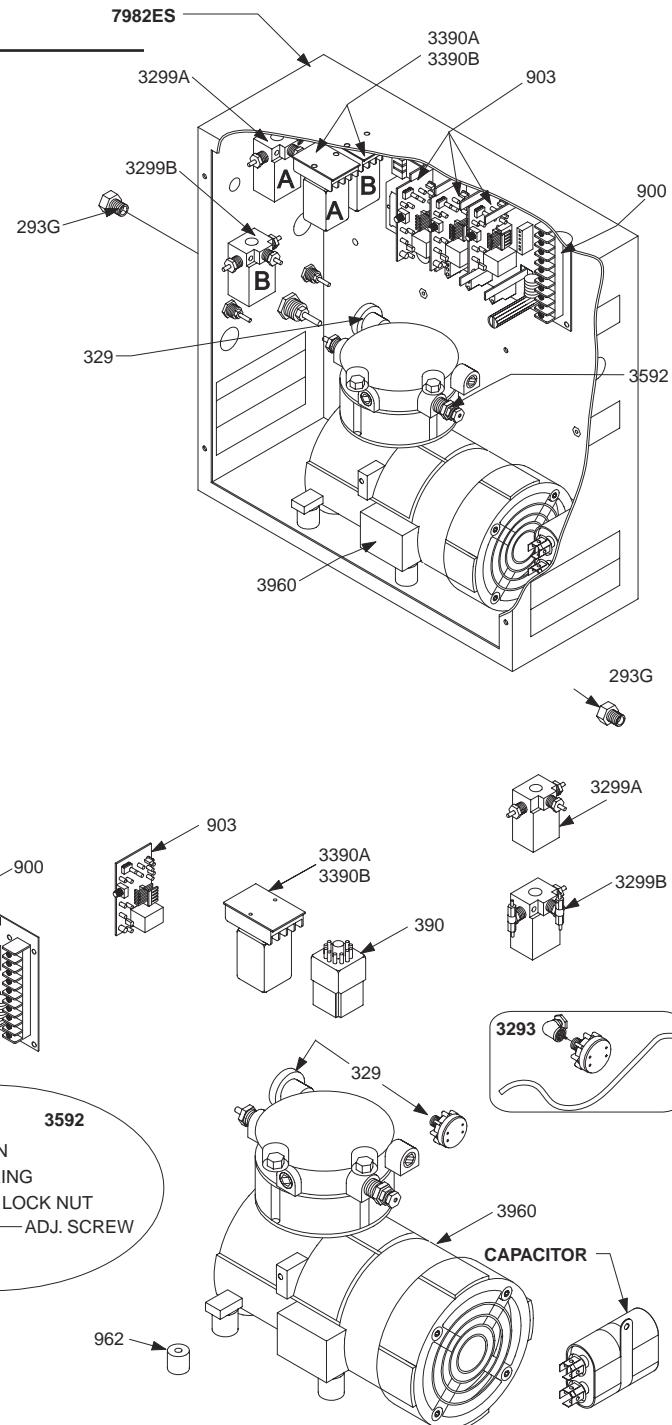
Control Box Assemblies

7982ES Control Box Assembly

Includes 293G, 900, 903, 3299A, 3299B, 3390A, 3390B, & 3960

Individual Control Box Components

293G	Exhaust Muffler
329	Inlet Air Filter Assembly
390	SPDT Relay
900	Power Supply
903	Timer Module
962	Rubber Isolator
3293	Filter Service Kit
3299A	Solenoid Valve Assembly
3299B	Solenoid Valve Assembly
3390A	ES Relay Assembly- "A" Circuit <i>Includes 390</i>
3390B	ES Relay Assembly- "B" Circuit <i>Includes 390</i>
3592	Compressor Service Kit
3960	Compressor Assembly <i>Includes capacitor, 329, & 929</i>



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 7982 SERIES

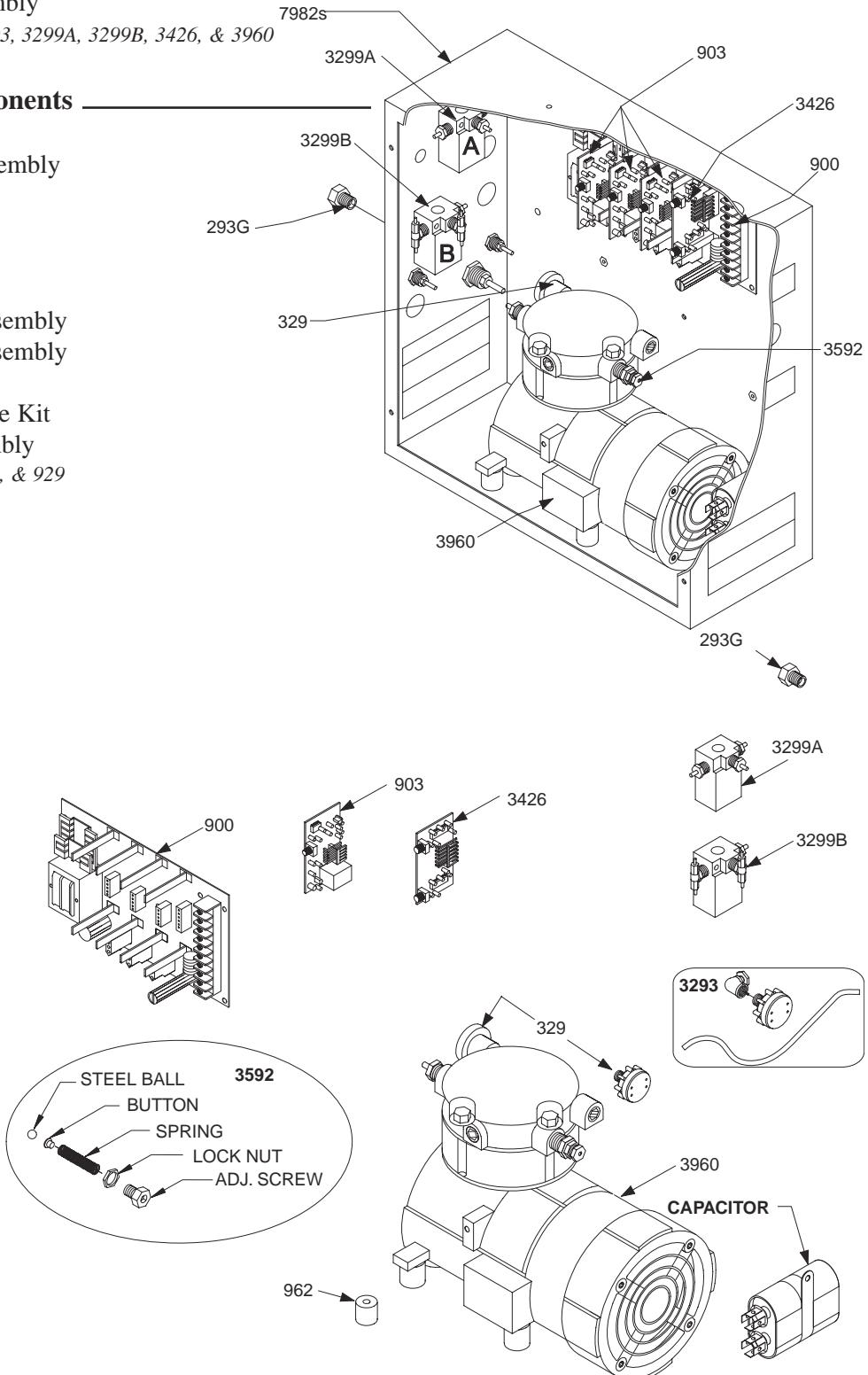
Control Box Assemblies

7982S Control Box Assembly
Includes 293G, 900, 903, 3299A, 3299B, 3426, & 3960

Individual Control Box Components

293G	Exhaust Muffler
329	Inlet Air Filter Assembly
900	Power Supply
903	Timer Module
962	Rubber Isolator
3293	Filter Service Kit
3299A	Solenoid Valve Assembly
3299B	Solenoid Valve Assembly
3426	Sequencer Card
3592	Compressor Service Kit
3960	Compressor Assembly

Includes capacitor, 329, & 929



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 7982 SERIES

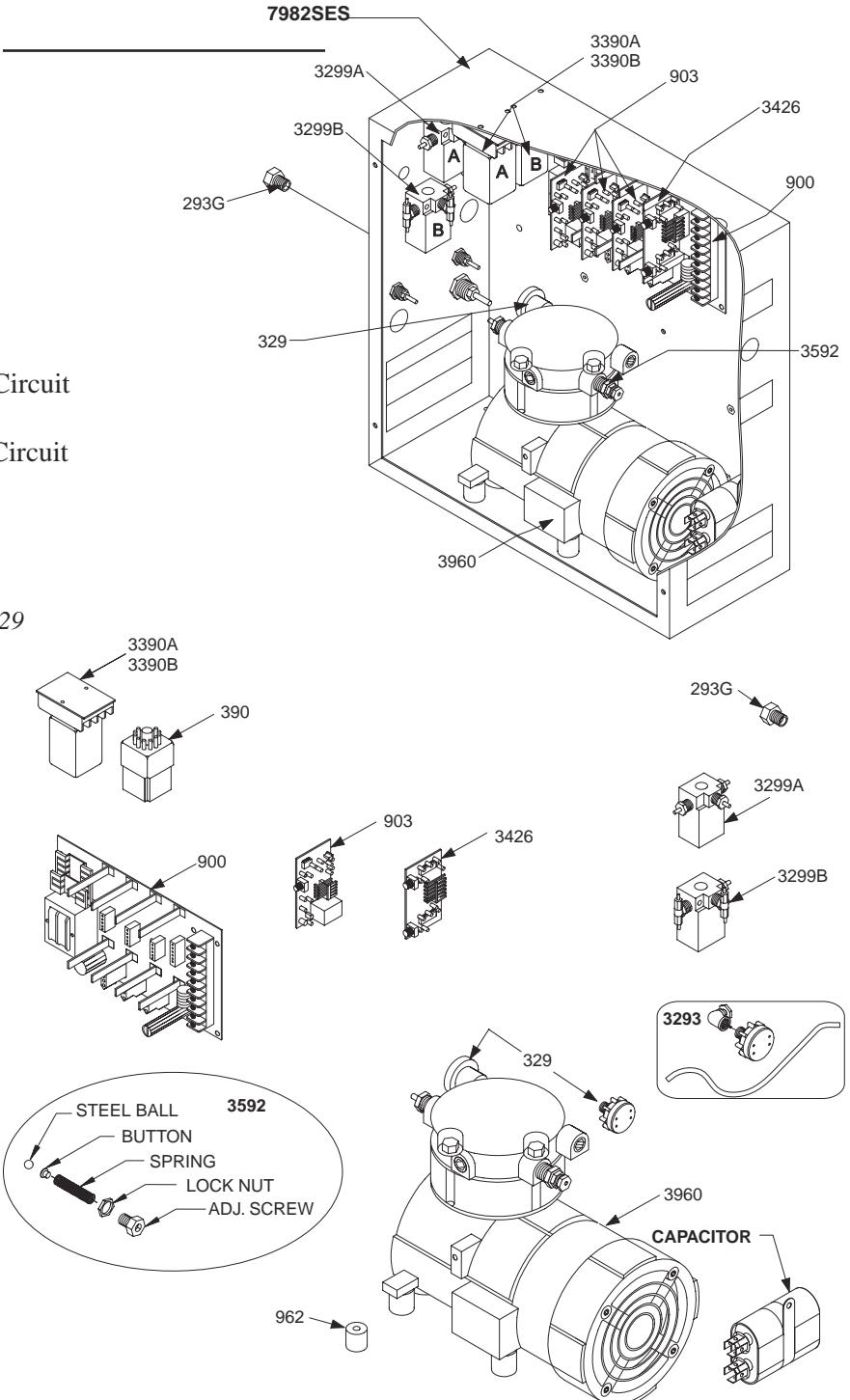
Control Box Assemblies

7982SES Control Box Assembly

Includes 293G, 900, 903, 3299A, 3299B, 3390A, 3390B, 3426, & 3960

Individual Control Box Components.

293G	Exhaust Muffler
329	Inlet Air Filter Assembly
390	SPDT Relay
900	Power Supply
903	Timer Module
962	Rubber Isolator
3293	Filter Service Kit
3299A	Solenoid Valve Assembly
3299B	Solenoid Valve Assembly
3390A	ES Relay Assembly-“A” Circuit <i>Includes 390</i>
3390B	ES Relay Assembly-“B” Circuit <i>Includes 390</i>
3426	Sequencer Card
3592	Compressor Service Kit
3960	Compressor Assembly <i>Includes capacitor, 329, & 929</i>

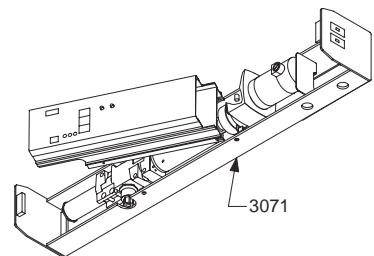


Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4630 SERIES

Cylinder Assemblies

4631-3071	Cylinder Assembly	F, S
<i>Includes 4631-3971, 4630-3018, & -3462</i>		
<i>Cylinder is adjustable size 1-4</i>		

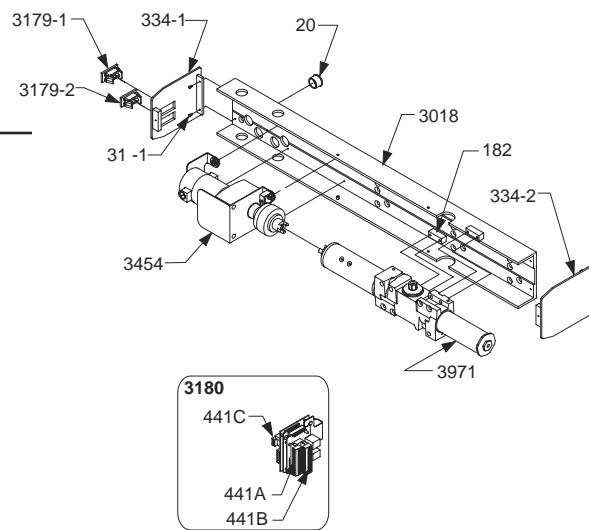


Individual Cylinder Parts

Individual cylinder parts for 4631-3071	Cylinder Only	F, S
<i>Does not include any other components</i>		
<i>Cylinder is adjustable size 1-4</i>		

Mounting Plate Assemblies

4630-3018	Mounting Plate Assembly	
<i>Includes 4630-20, -182(2), -334-1, -334-2, -3179-1, -3179-2, -3180, & -3454</i>		



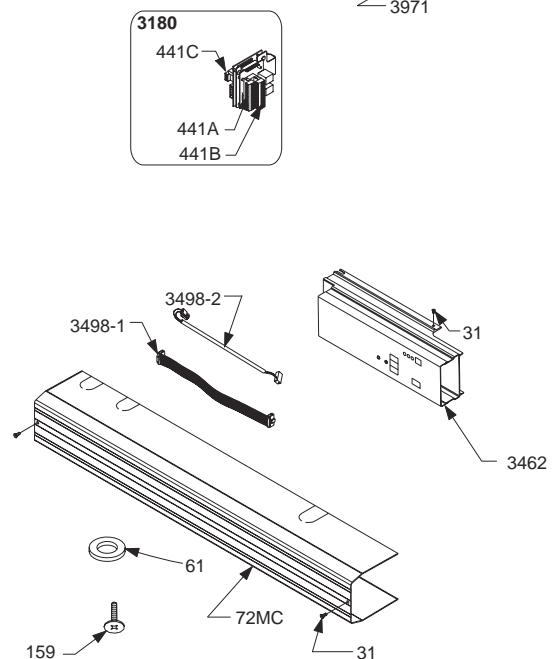
Individual Parts

Individual parts for 4631-3071, & -3018

4630-20	Conduit Cover	F
4630-31	Controller Screw	F
4630-31-1	End Cap screw	F
4630-61	Shaft Spacer	
4630-159	Arm Screw	F
4630-182	Stand-off	
4630-334-1	Switch End Cap	
	<i>Includes 4630-31-1 (2)</i>	
4630-334-2	Blank End Cap	
	<i>Includes 4630-31-1 (2)</i>	
4630-441A	Connector Plug (1-12)	
4630-441B	Connector Plug (13-24)	
4630-441C	A/C Power Plug	
4630-3179-1	On/Off Switch Assembly	
4630-3179-2	Hold Open Switch Assembly	
4630-3180	I/O Board Assembly	
	<i>Includes 4630-441A, -441B, & -441C</i>	
4630-3454	Motor/Clutch Assembly	
4630-3462	Controller Assembly	
	<i>Includes 4630-31 (1)</i>	
4630-3498-1	Ribbon Cable Connector	
4630-3498-2	A/C Power Cable	

Cover

4630-72MC	Metal Cover	F
<i>Includes 4630-31(2)</i>		



Individual Cover Parts

Individual cover parts for 4630-72MC

4630-31	Cover Screw	F
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Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4630 SERIES

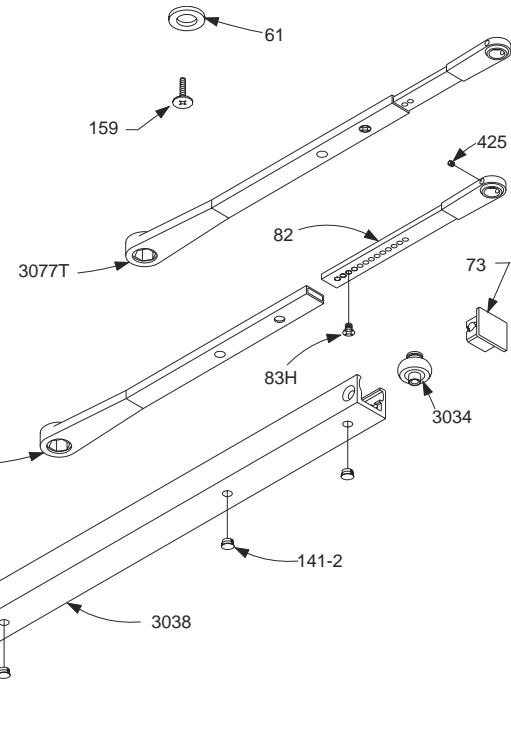
Complete Arm Assemblies

4630-3077T Standard Arm F
Includes 4630-61, -78, -82, -83H, -159, & -425

Individual Arm Parts

Individual arm parts for 4630-3077T

4630-61	Shaft Spacer	F
4630-78	Arm & Tube	F
	<i>Includes 4630-159</i>	
4630-82	Rod	F
	<i>Includes 4630-83H, & -425</i>	
4630-83H	H Arm Screw	F
4630-159	Arm Screw	F
4630-425	Roller Locking Screw	
4630-480	Shaft Extension Kit	F
	<i>Includes 4630-159, lock washer & extention</i>	
4630-3034	Track Roller	



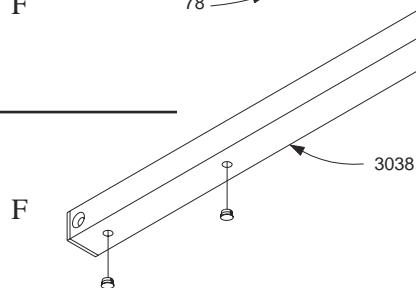
Complete Track Assemblies

4630-3038 Standard Track F
Includes 4630-73(2), & -141-2(4)

Individual Track Parts

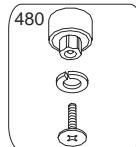
Individual track parts for 4630-3038

4630-73	End Cap	
4630-141-2	Track Plug	F
4630-3034	Track Roller	



Installations Accessories

4630-155-1	AE Door Decal <i>(Black/ Yellow Caution decal)</i>
4630-155-2	Door Decal <i>(Blue/White Switch decal)</i>



155-1



155-2

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

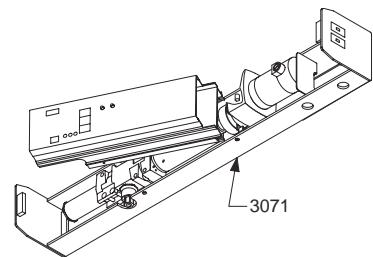
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LCN 4640 SERIES

Cylinder Assemblies

4642-3071	Cylinder Assembly	F, S
<i>Includes 4642-3971, 4640-3018, & -3462</i>		
<i>Cylinder is adjustable size 2-5</i>		

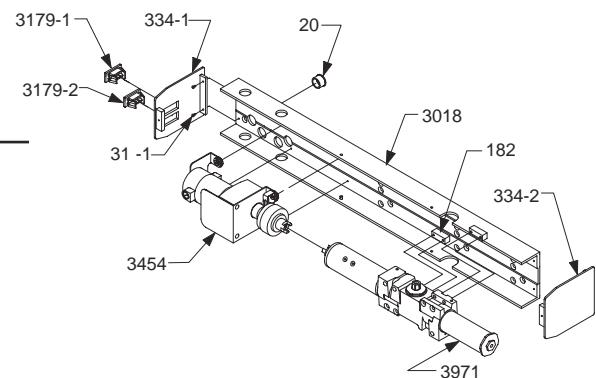


Individual Cylinder Parts

Individual cylinder parts for 4642-3071	Cylinder Only	F, S
<i>Does not include any other components</i>		
<i>Cylinder is adjustable size 2-5</i>		

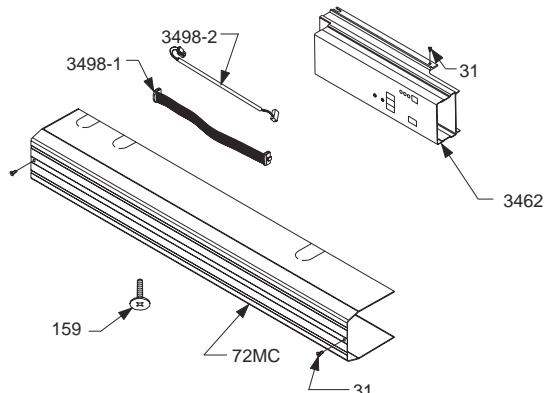
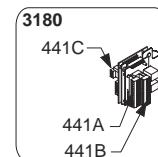
Mounting Plate Assemblies

4640-3018	Mounting Plate Assembly	
<i>Includes 4640-20, -182(2), -334-1, -334-2, -3179-1, -3179-2, -3180, & -3454</i>		



Individual Parts

Individual parts for 4642-3071, & -3018		
4640-20	Conduit Cover	F
4640-31	Controller Screw	F
4640-31-1	End Cap screw	F
4640-159	Arm Screw	F
4640-182	Stand-off	
4640-334-1	Switch End Cap	
	<i>Includes 4640-31-1 (2)</i>	
4640-334-2	Blank End Cap	
	<i>Includes 4640-31-1 (2)</i>	
4640-441A	Connector Plug (1-12)	
4640-441B	Connector Plug (13-24)	
4640-441C	A/C Power Plug	
4640-3179-1	On/Off Switch Assembly	
4640-3179-2	Hold Open Switch Assembly	
4640-3180	I/O Board Assembly	
	<i>Includes 4640-441A, -441B, & -441C</i>	
4640-3454	Motor/Clutch Assembly	
4640-3462	Controller Assembly	
	<i>Includes 4640-31 (1)</i>	
4640-3498-1	Ribbon Cable Connector	
4640-3498-2	A/C Power Cable	



Cover

4640-72MC	Metal Cover	F
<i>Includes 4640-31(2)</i>		

Individual Cover Parts

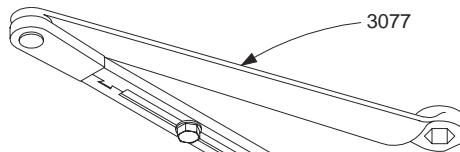
Individual cover parts for 4640-72MC		
4640-31	Cover Screw	F

Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4640 SERIES

Complete Arm Assemblies

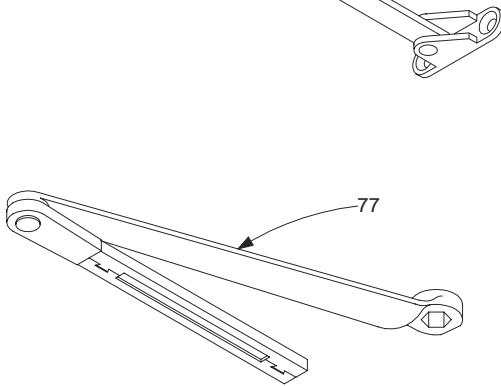
4640-3077	Regular Arm <i>Includes 4640-77, -79, -83, & -159</i>	F
4640-3077L	Long Arm <i>Includes 4640-77, -79L, -83, & -159</i>	F



Individual Arm Parts

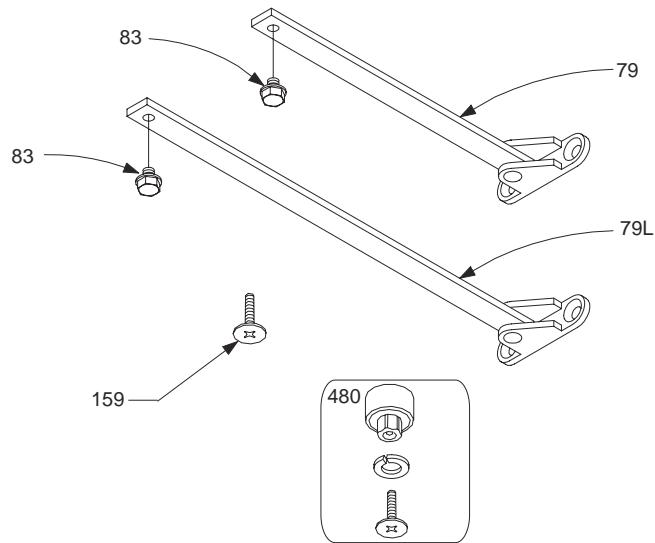
Individual arm parts for 4640-3077 & 3077L

4640-77	Arm & Forearm <i>Includes 4640-159</i>	F
4640-79	Rod & Shoe <i>Includes 4640-83</i>	F
4640-79LR	Long Rod & Shoe <i>Includes 4640-83</i>	F
4640-83	Arm Screw	F
4640-159	Arm Screw	F
4640-480	Shaft Extension <i>Includes 4640-159, lock washer & extension</i>	



Installations Accessories

4640-155-1	AE Door Decal <i>(Black/ Yellow Caution decal)</i>
4640-155-2	Door Decal <i>(Blue/White Switch decal)</i>



155-1



155-2

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.